IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SB0 Comment Resolution Part2 | | | | |
| Date: 2015-11-24 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Yongho Seok | NEWRACOM |  |  |  |

Abstract

This submission proposes resolutions of comments received from TGah 1st Sponsor Ballot (TGah Draft 5.0).

* CIDs: 8001, 8002, 8031, 8033, 8043, 8239, 8363, 8364, 8302, 8290, 8304, 8305, 8306, 8307, 8308, 8127, 8104, 8411, 8035 (19 CIDs)

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGah Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGah Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGah Editor: Editing instructions preceded by “TGah Editor” are instructions to the TGah editor to modify existing material in the TGah draft. As a result of adopting the changes, the TGah editor will execute the instructions rather than copy them to the TGah Draft.***

| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| --- | --- | --- | --- | --- | --- |
| 8001 | 4 | 3.2 | In the definition of CAC STA: "A sub 1 GHz (S1G) non-access point (AP) STA with dot11S1GCentralizedAuthenticationControlActivated equal to true." The abbreviation of non-application point is incorrect. | The definition should read: "A sub 1 GHz (S1G) non-access point (non-AP)STA with dot11S1GCentralizedAuthenticationControlActivated equal to true. | Revised-  Agree in principle.  TGah editor replaces:  “(AP) STA” with “(non-AP) STA” |
| 8002 | 4 | 3.2 | In the definition of "non-sensor station (STA): The abbreviation for "non-access point" is incorrect. | The abbreviation for "non-access point" should be "non-AP." | Revised-  Agree in principle.  TGah editor replaces:  “(AP) STA” with “(non-AP) STA” |
| 8031 | 4 | 3.2 | "A non-sensor STA may not have the power" Beware incorrect use of normative verbs. | Change to "might not". | Accepted |
| 8033 | 6 | 3.2 | "STA TypeSupport subfield equal to 0 or 1." -- Magic numbers are inherently bad. | Relate to the names used to enumerate this field, not the values. | Revised-  Agree in pincipal.  At P6 L2,  TGah editor replaces "the STA Type Support subfield equal to 0 or 1." with "the STA Type Support subfield indicating a sensor BSS or a mixed BSS." |
| 8043 | 12 | 5.1.5.6 | A-MSDU De-aggregation does not occur during transmit. Likewise A-MSDU aggregation does not occur during receive. | Remove "/ De-aggregation (RX)" from the transmitting "stack" and "Aggregation (TX) / " from the receiving stack. | Rejected-  Figure 5-7 is referring Figure 5-2 (802.11mc Draft 4.3).  Because 802.11mc is our base spec. Please submit a comment to 802.11mc sponsor ballot for removing "/ De-aggregation (RX)" from the transmitting "stack" and "Aggregation (TX) / " from the receiving stack. |
| 8239 | 13 | 6.3.3.2 | MAC changes out of scope of the project authorization: The "S1GRelay" appears to be additional MAC additions not necessary to support this PHY. | Remove all parameters and semantics associated with S1GRelay. | Rejected-  The Ballot Resolution Committee (BRC) disagrees on the interpretation of the PAR. The BRC believes that the feature is in scope as it is an enhancement to the IEEE 802.11 Medium Access Control (MAC) to support a transmission range up to 1 Km and a various data rates (>100 kbit/s). |
| 8363 | 13 | 6.3.2.2.2 | "When true, this parameter causes the S1G STA to transmit": what causal mechanism is being proposed for these actions? Since this text is part of the definition of a parameter, the appropriate replacement is simply a statement that, when the paramater is true, the S1G STA simply transmits a frame. | Replace: "When true, this parameter causes the S1G STA to transmit" with: "When this parameter is true, the S1G STA transmits". | Accepted |
| 8364 | 13 | 6.3.2.2.2 | "transmit at least one frame every listen interval without receiving a Beacon frame as determined by the STA's ListenInterval parameter.": exactly what does "as determned by" apply to? ListenInterval only specifies the length of the interval, and the exact length of the interval does not appear to influence the truth of the preceding part of the sentence. By the way, invocations of some primitives have ListenInterval parameters, but STAs do not have ListenInterval parameters. | Replace "frame as determined by the STA's ListenInterval parameter." with "frame." | Accepted |
| 8302 | 15 | 6.3.3.2.3 | The parameter ActiveScanType is not needed if SME is requesting passive scan | Change the description for ActiveScanType into "Indicates active scanning type of either a Probe Request frames or a NDP Probe Request frame. This parameter is optionally present if dot11S1GOptionImplemented is true and if ScanType is ACTIVE; otherwise not present." | Revised-  Agree in principle.  TGah editor replaces:  “Indicates active scanning type by the transmission of either a Probe Request frames or a NDP Probe Request frame. This parameter is optionally present if dot11S1GOptionImplemented is true; otherwise not present.”  with  “Indicates active scanning type by the transmission of either Probe Request frames or NDP Probe Request frames. This parameter is optionally present if dot11S1GOptionImplemented is true and if ScanType is ACTIVE; otherwise not present.” |
| 8290 | 32 | 6.3.8.3.2 | What is the purpose of the Reachable Address parameter in the MLME-REASSOCIATE.confirm primitive? | Delete the Reachable Address parameter from the MLME-REASSOCIATE.confirm primitive, from the list and the from table. | Accepted |
| 8304 | 52 | 6.3.109.2.1 | An AP may request TWT setup to a non-AP STA as indicated in 9.44.1 p296.38, hence this sentence is not correct | Change "This primitive requests that a TWT Setup frame be sent to the AP with which the non-AP STA is associated." into "This primitive requests that a TWT Setup frame be sent." | Revised-  Agree in principle.  TGah editor changes: "This primitive requests that a TWT Setup frame be sent to the AP with which the non-AP STA is associated." into "This primitive requests that a TWT Setup frame be sent as specified in 9.44 (Target wake time (TWT))." |
| 8305 | 53 | 6.3.109.2.3 | An AP may request TWT setup to a non-AP STA as indicated in 9.44.1 p296.38, hence the sentence is not correct | Delete " to the AP with which the non-AP STA is associated" | Accepted |
| 8306 | 53 | 6.3.109.2.4 | An AP may request TWT setup to a non-AP STA as indicated in 9.44.1 p296.38, hence the sentence is not correct | Change "The STA then attempts to transmit this frame to the AP with which it is associated." into "The STA then attempts to transmit this TWT Setup frame." | Accepted |
| 8307 | 54 | 6.3.109.3.3 | An AP may request TWT setup to a non-AP STA as indicated in 9.44.1 p296.38, hence the sentence is not correct | Change "This primitive is generated when the STA receives a TWT Setup frame from the AP." into "This primitive is generated when the STA receives a TWT Setup frame from another STA." | Accepted |
| 8308 | 54 | 6.3.109.4.1 | An AP may request TWT setup to a non-AP STA as indicated in 9.44.1 p296.38, hence the sentence is not correct | Change "from a non-AP STA" into "from another STA". | Accepted |
| 8127 | 114 |  | The Element ID table indicates the AID Announcement element is extensible. However that is not the case, because the Length field is used to ddetermine the number of AID Entries in the element. | Change extensibility to "No" at cited location. | Accepted |
| 8104 | 137 |  | Out by one error - The rightmost bit position for the Slot Duration Count field is wrong. | Change it to "By+1" and change the leftmost bit position of the Number of Slots field to "By +2". | Accepted |
| 8411 | 254 | 9.3.7 | "For an S1G STA the EIFS is equal to DIFS if the PPDU that causes the EIFS gives a PHY-RXEND.indication primitive that does not contain FormatViolation.": what in the world is this trying to say? | We can guess that the receipt of the PPDU triggers the PHY to invoke the .indication primitive, and that this statement is assuming the indication does not report a FormatViolation. But this sentence badly needs replacement. | Revised-  Agree in principle.  TGah editor replaces:  “For an S1G STA the EIFS is equal to DIFS if the PPDU that causes the EIFS gives a PHY-RXEND.indication primitive that does not contain FormatViolation.”  with  “For an S1G STA the EIFS is equal to DIFS if the PPDU that causes the EIFS does not generate a PHY-RXEND.indication(FormatViolation) primitive.” |
| 8035 | 280 | 9.22.5.2 | "an STA shall only initiate frame transmission if the remaining time to the end of the assigned RAW slot duration is" -- "shall only" is almost always wrong. The "only" should apply to the condition.  And then there is the question as to whether "shall x only if y" means: 1) shall x if y, shall not x if not y 2) may x if y, shall not x if not y 3) shall not x if not y | Replace cited text with "a STA may initiate frame transmission only if the remaining time to the end of the assigned RAW slot duration is" | Accepted |